

A3

While the foregoing description and drawings represent the present invention, it will be obvious to those skilled in the art that various changes may be made therein without departing from the true spirit and scope of the present invention.

IN THE CLAIMS

Page 9, line 1, change "Patent Claims" to --What is claimed is--.

Cancel claims 1-12 and add new claims 13-24, reading as follows:

13. An arrangement for directly controlling the movement of a zoom system in a stereo microscope, comprising direct driving motors for at least one moving lens system.

14. The arrangement according to claim 13 with two lens members which can be controlled independently from one another.

15. The arrangement according to claim 13; wherein lens members are provided as lens pairs in a Greenough type stereo microscope or telescope type stereo microscope.

16. The arrangement according to claim 13, wherein the drives are controlled by a control unit which reads out the pre-stored values for the movement of the lens members and controls the drives in a corresponding manner.

Sub B2 7
17. The arrangement according to claim 13, wherein the drives are linear drives.

Sub D3
18. The arrangement according to claim 17, wherein the linear drives are arranged in the stereo microscope housing.

Sub B3 7
19. The arrangement according to claim 18, wherein the drives are arranged between the lens pairs.

Sub B3 7
20. The arrangement according to claim 13, wherein a plurality of moving lens members are controlled jointly.

21. The arrangement according to claim 13, wherein at least two lens members are driven separately.

Sub B4 7
22. The arrangement according to claim 13, wherein the linear magnification that is adjusted is determined and displayed to the operator during the controlling of the zoom system.